

ROOS

Appl. No. 09/732,878

**AMENDMENTS TO THE ABSTRACT:**

Please replace the original abstract with the abstract attached hereto.

**ABSTRACT**

BI An apparatus in a telecommunication system provides access to telecommunication services to subscribers at user terminals. Each of terminal is separately connected to an access point via high speed modems and a communication network. The access point includes high speed modems with filters. The invention permits a large number of subscribers to be connected in a short period of time, and the subscribers can consider the establishment of the connection as plug-and-play. Moreover, when one initial access point is filled, subscribers are transferred to other access points, whereby room is made available for new subscribers.